

Title (en)

PRESS-FIT TERMINAL AND TERMINAL-ATTACHED SUBSTRATE

Title (de)

EINPRESSKLEMME UND KLEMMENBEFESTIGTES SUBSTRAT

Title (fr)

TERMINAL À INSÉRER EN FORCE ET SUBSTRAT FIXÉ AU TERMINAL

Publication

EP 3691040 A1 20200805 (EN)

Application

EP 20150055 A 20200102

Priority

JP 2019015285 A 20190131

Abstract (en)

A press-fit terminal 1 includes: a pair of press fitting parts (60a) and (60b) that are positioned facing each other in a direction (first orthogonal direction (Y)) orthogonal to an insertion direction (X) into a through-hole (23) of a substrate (20) while an axial center (Xt) along the insertion direction is interposed between the pair of press fitting parts (60a) and (60b) and that are fitted by pressing into the through-hole in the insertion direction; and a compliant part (5) positioned between the pair of press fitting parts and having an open hole (8) that allows the pair of press fitting parts to deform inward in the orthogonal direction.

IPC 8 full level

H01R 12/58 (2011.01)

CPC (source: CN EP US)

H01R 12/58 (2013.01 - CN US); **H01R 12/585** (2013.01 - EP US)

Citation (applicant)

JP 2008053082 A 20080306 - J S T MFG CO LTD

Citation (search report)

- [XY] US 2008166928 A1 20080710 - TANG LIANG [US]
- [XY] WO 2018220927 A1 20181206 - AISIN SEIKI [JP]
- [YA] EP 3091616 A1 20161109 - PPM PFORZHEIMER PRÄZISIONS MECHANIK GMBH & CO KG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3691040 A1 20200805; CN 111525303 A 20200811; JP 2020123513 A 20200813; US 10978816 B2 20210413; US 2020251836 A1 20200806

DOCDB simple family (application)

EP 20150055 A 20200102; CN 201911364282 A 20191226; JP 2019015285 A 20190131; US 201916726823 A 20191225